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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available

NEWS 39 Jan 13 Indexing added to some pre-1967 records in CA/CAPLUS
 NEWS 40 Jan 21 NUTRACEUT offering one free connect hour in February 2003
 NEWS 41 Jan 21 PHARMAML offering one free connect hour in February 2003
 NEWS 42 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
 ENERGY, INSPEC
 NEWS 43 Feb 13 CANCERLIT is no longer being updated
 NEWS 44 Feb 24 METADEX enhancements
 NEWS 45 Feb 24 PCTGEN now available on STN
 NEWS 46 Feb 24 TEMA now available on STN
 NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation
 NEWS 48 Feb 26 PCTFULL now contains images

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
 CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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=> file agricola biosis embase caplus

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=> s ayabe s/au
 L1 69 AYABE S/AU

=> s aoki t/au
L2 2894 AOKI T/AU

=> s l1 and l2
L3 7 L1 AND L2

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L4 6 DUPLICATE REMOVE L3 (1 DUPLICATE REMOVED)

=> d l4 1-6

L4 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1
AN 2003:34172 BIOSIS
DN PREV200300034172
TI Efficient Agrobacterium-mediated transformation of Lotus japonicus with reliable antibiotic selection.
AU ***Aoki, T. (1)*** ; Kamizawa, A.; ***Ayabe, S.***
CS (1) Department of Applied Biological Sciences, Nihon University, Fujisawa, Kanagawa, 252-8510, Japan: taoki@brs.nihon-u.ac.jp Japan
SO Plant Cell Reports, (October 2002, 2002) Vol. 21, No. 3, pp. 238-243. print.
ISSN: 0721-7714.
DT Article
LA English

L4 ANSWER 2 OF 6 AGRICOLA
AN 2002:6875 AGRICOLA
DN IND23248640
TI Chalcone isomerase isozymes with different substrate specificities towards 6'-hydroxy- and 6'-deoxychalcones in cultured cells of Glycyrrhiza echinata, a leguminous plant producing 5-deoxyflavonoids.
AU Kimura, Y.; ***Aoki, T.*** ; ***Ayabe, S.***
AV DNAL (450 P699)
SO Plant and cell physiology, Oct 2001. Vol. 42, No. 10. p. 1169-1173
Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.
CODEN: PCPHA5; ISSN: 0032-0781
NTE Includes references
CY Japan
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L4 ANSWER 3 OF 6 AGRICOLA
AN 2001:47171 AGRICOLA
DN IND23210528
TI Flavonoids of leguminous plants: structure, biological activity, and biosynthesis.
AU ***Aoki, T.*** ; Akashi, T.; ***Ayabe, S.***
AV DNAL (QK1.B33)
SO Journal of plant research, Dec 2000. Vol. 113, No. 1112. p. 475-488
Publisher: Tokyo : Botanical Society of Japan, c1993-
CODEN: JPLREA; ISSN: 0918-9440
NTE Includes references

CY Japan
DT Article; Law
FS Non-U.S. Imprint other than FAO
LA English

L4 ANSWER 4 OF 6 AGRICOLA
AN 2000:65313 AGRICOLA
DN IND22056690
TI Molecular cloning and biochemical characterization of a novel cytochrome P450, flavone synthase II, that catalyzes direct conversion of flavanones to flavones.

AU Akashi, T.; Fukuchi-Mizutani, M.; ***Aoki, T.*** ; Ueyama, Y.; Yonekura-Sakakibara, K.; Tanaka, Y.; Kusumi, T.; ***Ayabe, S.***

CS Nihon University, Fujisawa, Kanagawa, Japan.

SO Plant and cell physiology, Nov 1999. Vol. 40, No. 11. p. 1182-1186
Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.
CODEN: PCPHA5; ISSN: 0032-0781

NTE Includes references

CY Japan
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L4 ANSWER 5 OF 6 AGRICOLA
AN 2000:60329 AGRICOLA
DN IND22060334
TI Cloning and functional expression of a cytochrome P450 cDNA encoding 2-hydroxyisoflavanone synthase involved in biosynthesis of the isoflavonoid skeleton in licorice.

AU Akashi, T.; ***Aoki, T.*** ; ***Ayabe, S.***

AV DNAL (450 P692)

SO Plant physiology, Nov 1999. Vol. 121, No. 3. p. 821-828
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references

CY Maryland; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L4 ANSWER 6 OF 6 AGRICOLA
AN 1998:83441 AGRICOLA
DN IND21808043
TI CYP81E1, a cytochrome P450 cDNA of licorice (*Glycyrrhiza echinata* L.), encodes isoflavone 2'-hydroxylase.

AU Akashi, T.; ***Aoki, T.*** ; ***Ayabe, S.***

CS Nihon University, Kanagawa, Japan.

AV DNAL (442.8 B5236)

SO Biochemical and biophysical research communications, Oct 9, 1998. Vol. 251, No. 1. p. 67-70
Publisher: Orlando, Fla. : Academic Press.
CODEN: BBRCA9; ISSN: 0006-291X

NTE Includes references

CY Florida; United States
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

=> d 14 6 ab

L4 ANSWER 6 OF 6 AGRICOLA

=> d 14 6 ibib ab

L4 ANSWER 6 OF 6 AGRICOLA

ACCESSION NUMBER: 1998:83441 AGRICOLA
DOCUMENT NUMBER: IND21808043
TITLE: CYP81E1, a cytochrome P450 cDNA of licorice
(Glycyrrhiza echinata L.), encodes isoflavone
2'-hydroxylase.
AUTHOR(S): Akashi, T.; ***Aoki, T.*** ; ***Ayabe, S.***
CORPORATE SOURCE: Nihon University, Kanagawa, Japan.
AVAILABILITY: DNAL (442.8 B5236)
SOURCE: Biochemical and biophysical research communications,
Oct 9, 1998. Vol. 251, No. 1. p. 67-70
Publisher: Orlando, Fla. : Academic Press.
CODEN: BBRCA9; ISSN: 0006-291X
NOTE: Includes references
PUB. COUNTRY: Florida; United States
DOCUMENT TYPE: Article
FILE SEGMENT: U.S. Imprints not USDA, Experiment or Extension
LANGUAGE: English

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FULL ESTIMATED COST	14.77	14.98

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FULL ESTIMATED COST	2.64	17.62

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=> s 2(w)hydroxyisoflavanone(w)synthase
L5 20 2(W) HYDROXYISOFLAVANONE(W) SYNTHASE

=> duplicate remove l5
DUPLICATE PREFERENCE IS 'AGRICOLA, BIOSIS, EMBASE, CAPLUS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L5
L6 10 DUPLICATE REMOVE L5 (10 DUPLICATES REMOVED)

=> d l6 1-10

L6 ANSWER 1 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
1
AN 2002:517689 BIOSIS
DN PREV200200517689
TI Key amino acid residues required for aryl migration catalysed by the
cytochrome P450 ***2*** - ***hydroxyisoflavanone*** ***synthase***
.
AU Sawada, Yuji; Kinoshita, Kengo; Akashi, Tomoyoshi; Aoki, Toshio; Ayabe,
Shin-ichi (1)
CS (1) Department of Applied Biological Sciences, Nihon University, Fujisawa,
Kanagawa, 252-8510: ayabe@brs.nihon-u.ac.jp Japan
SO Plant Journal, (September, 2002) Vol. 31, No. 5, pp. 555-564.
<http://www.blackwell-science.com/cgiilib/jnlpage.bin?Journal=TPJ&File=TPJ&Page=aims.print>.
ISSN: 0960-7412.
DT Article
LA English

L6 ANSWER 2 OF 10 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 2
AN 2001045460 EMBASE
TI Flavonoid 6-hydroxylase from soybean (Glycine max L.), a novel plant P-450
monooxygenase.
AU Latunde-Dada A.O.; Cabello-Hurtado F.; Czittrich N.; Didierjean L.;
Schopfer C.; Hertkorn N.; Werck-Reichhart D.; Ebel J.
CS J. Ebel, Botanisches Inst. der Universitat, Menzinger Strasse 67, D-80638
Munchen, Germany. j.ebel@botanik.biologie.uni-muenchen.de
SO Journal of Biological Chemistry, (19 Jan 2001) 276/3 (1688-1695).
Refs: 53
ISSN: 0021-9258 CODEN: JBCHA3
CY United States
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English

L6 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS
AN 2001:635036 CAPLUS
DN 135:340707
TI Properties and metabolic engineering of alfalfa phenylpropanoid pathway
O-methyltransferases

AU Dixon, Richard A.; Chen, Fang; He, Xian-Zhi; Noel, Joseph P.; Zubieta, Chloe
 CS Plant Biology Division, Samuel Roberts Noble Foundation, Ardmore, OK, 73401, USA
 SO Recent Advances in Phytochemistry (2001), 35(Regulation of Phytochemicals by Molecular Techniques), 131-154
 CODEN: RAPHBE; ISSN: 0079-9920
 PB Elsevier Science Ltd.
 DT Journal; General Review
 LA English
 RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:553689 CAPLUS
 DN 133:146926
 TI Licorice ***2*** - ***hydroxyisoflavanone*** ***synthase***
 cDNA, recombinant expression, and use in transgenic plants
 IN Ayabe, Shinichi; Aoki, Toshio; Akashi, Tomoyoshi
 PA Nihon University, Japan
 SO PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000046356	A1	20000810	WO 2000-JP596	20000204
	W: AU, CA, CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	JP 1999-63745	A	19990204		

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 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 3
 AN 2001:80770 BIOSIS
 DN PREV200100080770
 TI New scheme of the biosynthesis of formononetin involving
 2,7,4'-trihydroxyisoflavanone but not daidzein as the methyl acceptor.
 AU Akashi, Tomoyoshi; Sawada, Yuji; Aoki, Toshio; Ayabe, Shin-ichi (1)
 CS (1) Department of Applied Biological Sciences, Nihon University, Fujisawa, Kanagawa, 252-8510: ayabe@brs.nihon-u.ac.jp Japan
 SO Bioscience Biotechnology and Biochemistry, (October, 2000) Vol. 64, No. 10, pp. 2276-2279. print.
 ISSN: 0916-8451.
 DT Article
 LA English
 SL English

L6 ANSWER 6 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 4
 AN 2001:151075 BIOSIS
 DN PREV200100151075
 TI Induction of isoflavonoid pathway in the model legume Lotus japonicus:
 Molecular characterization of enzymes involved in phytoalexin

biosynthesis.

AU Shimada, Norimoto; Akashi, Tomoyoshi; Aoki, Toshio; Ayabe, Shin-ichi (1)
CS (1) Department of Applied Biological Sciences, Nihon University, Fujisawa,
Kanagawa, 252-8510: ayabe@brs.nihon-u.ac.jp Japan
SO Plant Science (Shannon), (December 7th, 2000) Vol. 160, No. 1, pp. 37-47.
print.
ISSN: 0168-9452.
DT Article
LA English
SL English

L6 ANSWER 7 OF 10 AGRICOLA DUPLICATE 5
AN 2000:60329 AGRICOLA
DN IND22060334
TI Cloning and functional expression of a cytochrome P450 cDNA encoding
2 - ***hydroxyisoflavanone*** ***synthase*** involved in
biosynthesis of the isoflavonoid skeleton in licorice.
AU Akashi, T.; Aoki, T.; Ayabe, S.
AV DNAL (450 P692)
SO Plant physiology, Nov 1999. Vol. 121, No. 3. p. 821-828
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889
NTE Includes references
CY Maryland; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L6 ANSWER 8 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE
6
AN 1999:362259 BIOSIS
DN PREV199900362259
TI Molecular characterization of the enzyme catalyzing the aryl migration
reaction of isoflavonoid biosynthesis in soybean.
AU Steele, Christopher L.; Gijzen, Mark; Qutob, Dinah; Dixon, Richard A. (1)
CS (1) Plant Biology Division, Samuel Roberts Noble Foundation, 2510 Sam
Noble Parkway, Ardmore, OK, 73401 USA
SO Archives of Biochemistry and Biophysics, (July 1, 1999) Vol. 367, No. 1,
pp. 146-150.
ISSN: 0003-9861.
DT Article
LA English
SL English

L6 ANSWER 9 OF 10 AGRICOLA DUPLICATE 7
AN 1999:21631 AGRICOLA
DN IND21969338
TI Purification of 2-hydroxyisoflavanone dehydratase from the cell cultures
of Pueraria lobata.
AU Hakamatsuka, T.; Mori, K.; Ishida, S.; Ebizuka, Y.; Sankawa, U.
CS Toyama Medical and Pharmaceutical University, Toyama, Japan.
SO Phytochemistry, Sept 1998. Vol. 49, No. 2. p. 497-505
Publisher: Oxford : Elsevier Science Ltd.
CODEN: PYTCAS; ISSN: 0031-9422
NTE Includes references
CY England; United Kingdom
DT Article

FS Non-U.S. Imprint other than FAO
LA English

L6 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2003 ACS
AN 1995:694130 CAPLUS
DN 124:5013
TI Changes of secondary metabolism by elicitor treatment in Pueraria lobata
cell cultures
AU Sankawa, Ushio; Hakamatsuka, Takashi; Shinkai, Kenji; Yoshida, Makoto;
Park, Hyung-Hwan; Ebizuka, Yutaka
CS Faculty Pharmaceutical Sciences, University Tokyo, Tokyo, 113, Japan
SO Current Plant Science and Biotechnology in Agriculture (1995), 22 (Current
Issues in Plant Molecular and Cellular Biology), 595-604
CODEN: CPBAE2; ISSN: 0924-1949
PB Kluwer
DT Journal
LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	28.28	45.90

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